OPINION 2076 (Case 3193)

Chrysodema Laporte & Gory, 1835 and Iridotaenia Deyrolle, 1864
(Insecta, Coleoptera): usage conserved by the designation of
C. sonnerati Laporte & Gory, 1835 as the type species of Chrysodema

Abstract. The Commission has ruled that the accustomed usage of the buprestid
(jewel beetle) generic names Chrysodema Laporte & Gory, 1835 and Iridotaenia
Deyrolle, 1864 is conserved by the designation of Chrysodema sonnerati Laporte &
Gory, 1835 as the type species of Chrysodema. Stability was threatened because
C. sumptuosa Laporte & Gory, 1835 was the valid type species of both genera.

Keywords. Nomenclature; taxonomy; Coleoptera; Buprestidae; Chrysodema;
Iridotaenia; Chrysodema sonnerati; Chrysodema sumptuosa; jewel beetles; Africa;
Australasia; eastern Palaearctic; Oriental region.

Ruling

(1) Under the plenary power all previous fixations of type species for the nominal
genus Chrysodema Laporte & Gory, 1835 are hereby set aside and Chrysodema
sonnerati Laporte & Gory, 1835 is designated as the type species.

(2) The following names are hereby placed on the Official List of Generic Names
in Zoology:
   (a) Chrysodema Laporte & Gory, 1835 (gender: feminine), type species by
designation in (1) above Chrysodema sonnerati Laporte & Gory, 1835;
   (b) Iridotaenia Deyrolle, 1864 (gender: feminine), type species by subsequent
designation by Kurosawa (1982) Chrysodema sumptuosa Laporte & Gory,
1835.

(3) The following names are hereby placed on the Official List of Specific Names
in Zoology:
   (a) sonnerati Laporte & Gory, 1835, as published in the binomen Chrysodema
sonnerati (specific name of the type species of Chrysodema Laporte & Gory,
1835);
   (b) sumptuosa Laporte & Gory, 1835, as published in the binomen Chrysodema
sumptuosa (specific name of the type species of Iridotaenia Deyrolle, 1864).

History of Case 3193

An application to conserve the usage of the buprestid (jewel beetle) generic names
Chrysodema Laporte & Gory, 1835 and Iridotaenia Deyrolle, 1864 by the designation
of Chrysodema sonnerati Laporte & Gory, 1835 as the type species of Chrysodema
was received from C.L. Bellamy (Plant Pest Diagnostic Lab, California Department of
Food & Agriculture, Sacramento, California, U.S.A.) on 8 February 2001. After
correspondence the case was published in BZN 59: 185–187 (September 2002). The
title, abstract and keywords of the case were published on the Commission’s website.
Comments in support of this application were published in BZN 59: 281 and 60: 53.
Decision of the Commission

On 1 December 2003 the members of the Commission were invited to vote on the proposals published in BZN 59: 186. At the close of the voting period on 1 March 2004 the votes were as follows: 23 Commissioners voted FOR the proposals, no Commissioners voted AGAINST, Calder and Ng were on leave of absence.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:


The following is the reference for the designation of *Chrysoidea sumptuosa* Laporte & Gory, 1835 as the type species of the nominal genus *Iridosaenia* Deyrolle, 1864: